Serial No: 10/031,570 Reply to OA dated: June 2, 2004 Replacement Sheet TRADE! 40.064 GHz 39.590 Frequency (GHz) 39.117 .39 f_{max} 38.750 33.644 38.759 38.500 f_{open} 23.172 38 37.701 37.230 37 36.75 GHz f_{min} 35 35 T_2 T, T,

OBLON, SPIVAK, et al. Docket No: 217075US6YA PCT Inventor: Joseph T. VERDEYEN et al.

FIGURE 2

Time (aromary scale)

Plasma forms

Steady-state plasma